EN

Q MEDIA

Q-BT3 BLUETOOTH® STEREO SPEAKERS

www.Qacoustics.co.uk

Contents

04 **Safety Information**
05 **Package Contents**
06 **Features**
06 Feature Summary
06 Product Description
07 **Instructions**
07 Q-BT3 Features
11 Remote Control
12 Rubber Bumpers
13 Operating Q-BT3
17 **Specification**
18 **Warranty**

EC DECLARATION OF CONFORMITY

Q-BT3 conforms with the following EEC Directives their supporting Statutory Instruments and relevant Standards, where applicable as follows:

EC Council Directive on electromagnetic compatibility 2004/108/EC,
Applicable standard(s) with amendments: EN5013:2001 + A1:2003 + A2:2006
EN55020:2007
EN61000-3-2:2006 + A1:2009 + A2:2009
EN61000-3-3:2008

EC Low Voltage Directive 2006/95/EEC,
Applicable standard(s) with amendments: EN60065:2002 + A1:2006 + A11:2008 + A2:2012

Stage 1 of annex II of Commission regulation (ErP) EC no. 1275/2008

Safety Information

IMPORTANT INFORMATION - PLEASE READ CAREFULLY

CAUTION!
RISK OF ELECTRIC SHOCK
DO NOT OPEN
TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK)
NO USER-REMOVEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED PERSONNEL

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Correct disposal of this product:
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Read and keep these instructions.
Heed all warnings and follow all instructions.

Do not use this apparatus near water.
Clean only with dry cloth.
Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.

Warnings:
To avoid the danger of suffocation, keep all polythene bags and packaging away from babies and children.

To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture. This product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the unit.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Take note of all warnings on the appliance, under no circumstances disassemble the unit or remove covers to prevent the risk of fire or electrical shock.

Protect the mains power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Use only attachments/accessories specified by the manufacturer.

Unplug this unit during lightning storms or when unused for long periods of time.

No naked flame sources such as candles should be placed on the product.

Caution:
Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Third parties: In the unlikely event that you pass this product on to a third party, include these operating instructions with the product.

Service:
Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the unit, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

Equipment for servicing should be returned to the supplying dealer, or to the service agent for your area. The address of the main Service Agent for the UK is listed at the back of this manual.

Important notice for UK users:
The UK mains lead is terminated with a UK approved mains plug fitted with a 3A fuse. If the fuse needs to be replaced, an ASTA or BSI approved BS1362 fuse rated at 3A must be used.

Introduction

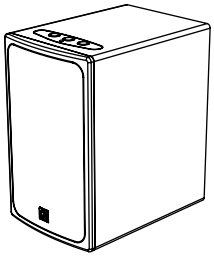
Thank you for purchasing Q Acoustics Q-BT3.

This manual is intended to take you through the setup and installation of Q-BT3 and will help provide a trouble free setup and optimum performance from the product.

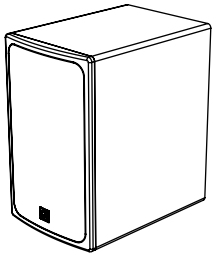
Please read the instructions, important safety information and warnings carefully before installation, and use, to ensure the safe and satisfactory operation of this product.

We hope you enjoy the Q-BT3 experience.

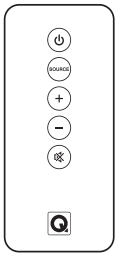
Package Contents



1 x Active Right Speaker



1 x Passive Left Speaker



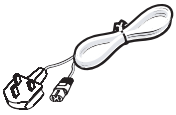
1 x Remote Control

1 x Lithium
Battery
(3V, CR2025)

1 x RCA
Phono Lead
(2 metres)

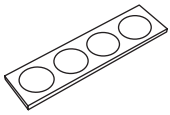
1 x 3.5mm
Jack Lead
(2 metres)

1 x Two Pole
Speaker Cable
(4 metres)



1 x UK AC
Mains Cable

1 x EU AC
Mains Cable



2 x Sets of
Rubber Bumpers

1 x User Manual

Features

Feature Summary

- 2 x 50W stereo amplifier in right hand speaker
- Passive left hand speaker
- 1 x 100mm woofer and 1 x 30mm dome tweeter per speaker
- aptX® Bluetooth® input – up to 8 paired devices
- Digital optical audio input
- RCA stereo line level audio input
- 3.5mm stereo headphone level audio input
- RCA subwoofer line level audio output
- 5 button infrared remote control

Product Description

The Q Acoustics Q-BT3 is a bookshelf *Bluetooth* stereo speaker set designed to deliver high fidelity reproduction of music, and high quality audio from a TV or set top box. The Q-BT3 is a result of careful development and winning heritage, designed in the UK by Q Acoustics.

The Q-BT3 cabinets provide true stereo audio with no added effects or digital signal processing to colour audio reproduction. You have peace of mind that you are listening to pure audio as the original mix engineer intended.

The left and right speakers each have our award winning combination of 100mm woofer and 30mm dome tweeter, providing focused channel separation, music depth and clarity, voiced by our acoustic team to provide a full range natural sound.

Designed for simplicity, the Q-BT3 will blend into your home environment with minimal fuss yet extraordinary improvement to your listening experience.

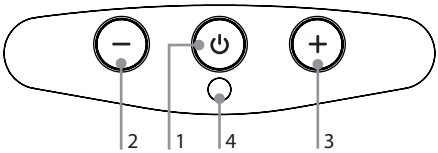
With both analogue and optical inputs the Q-BT3 can be used with a variety of entertainment source such as TVs, CD players, portable music players, computers, internet radio. But that's still not the whole story...

Q-BT3 is also *Bluetooth* compatible using the aptX codec for lossless audio streaming. This wireless connection can sync to almost any *Bluetooth* compatible audio device. It can remember upto eight pairings, so when friends or family come over, a 'guest' music player can get connected in just seconds.

Please read and follow the instructions in this manual to get the most enjoyment out of your Q-BT3.

Q-BT3 Features

TOP PANEL



1. Standby / Source Select
Long press / short press

2. Volume Down
Single press / press and hold

3. Volume Up
Single press / press and hold

4. Status LED
See LED indications below

No Light = Off
Power cord is connected but AC switch is turned OFF.

Solid Red= Off (Standby)
Power cord is connected and AC switch is turned ON, but Q-BT3 is OFF.

Solid Green = On
Analogue input (Line in 1 or Line in 2) is the active source.

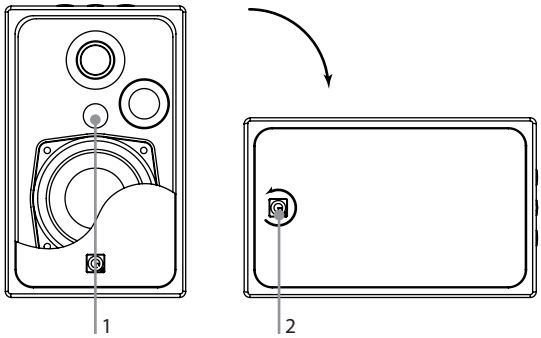
Solid White = On
Optical input is the active source.

Quick Blue Flash = On
Bluetooth input is the active source and is currently searching for a *Bluetooth* device to PAIR with.

Solid Blue = On
Bluetooth input is the active source and is PAIRED with a *Bluetooth* device.

Any Colour Slow Flash = On
Currently active source is MUTED.

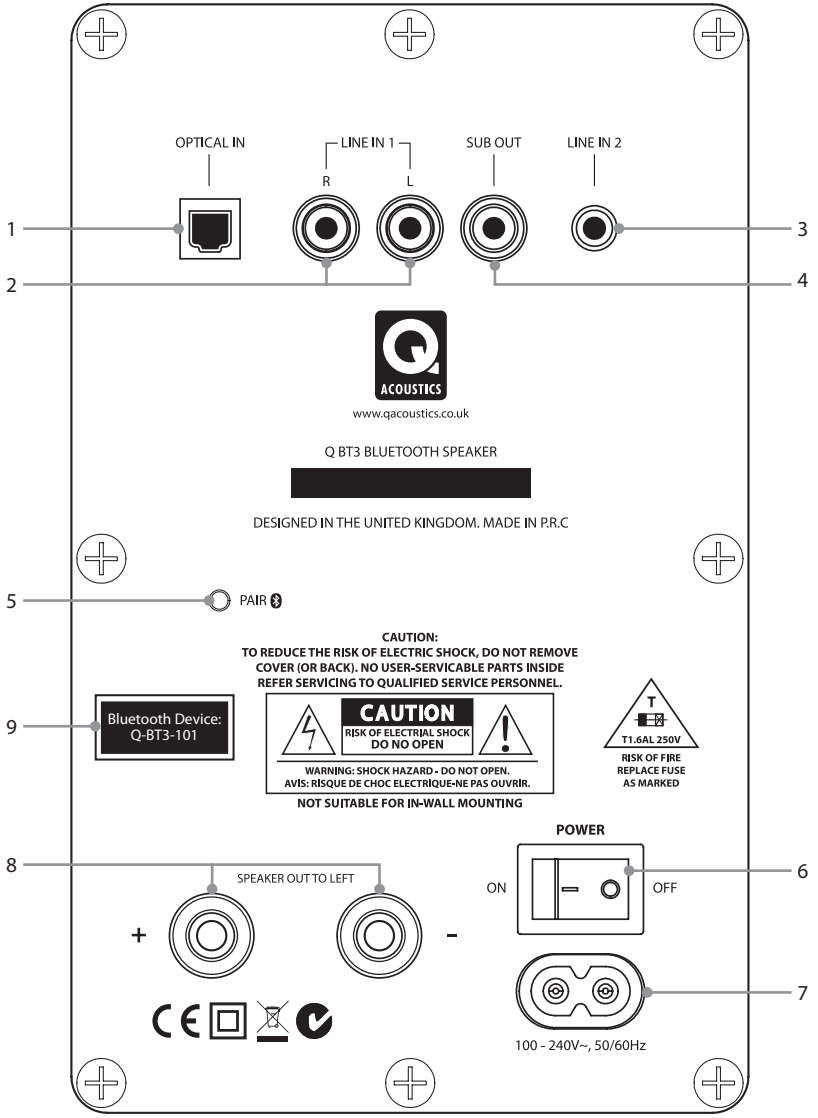
FRONT VIEW



1. IR Sensor
The IR sensor is hidden behind the speaker grill of the active right speaker. It 'sees' the IR control commands output from the Q-BT3 IR remote control when buttons are pressed.
This sensor MUST be unobstructed for direct line-of-sight to the remote, or the remote will not be able to control the Q-BT3.

2. Rotating Badge
The Q-BT3 speakers are designed to be used in both vertical and horizontal orientations to suit your preferred setup.
When using Q-BT3 in the horizontal orientation, you may rotate the Q Acoustics logo by gently pulling and rotating the badge.

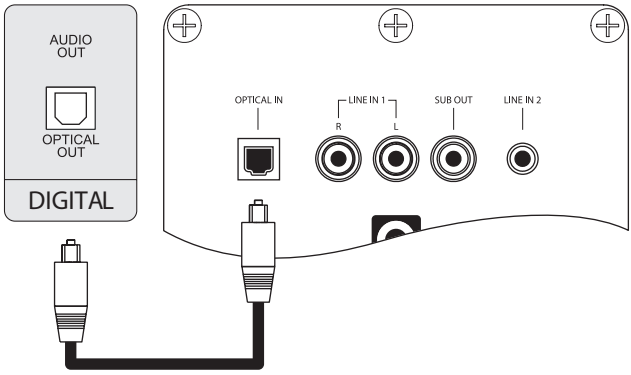
REAR PANEL



1. Digital Optical Input
2. Analogue Line In 1
3. Analogue Line In 2
4. Subwoofer Out
5. *Bluetooth* Pair Button
6. Power Switch
7. AC Input
8. Output Speaker Terminals
9. *Bluetooth* Name Label

1. Digital Optical Input

TOSLINK® connector for connection to the Digital Optical output on a TV or other source. If there is a choice between Digital or Analogue connection to the Q-BT3 choose Digital for superior audio quality. The Digital input is selected automatically if no *Bluetooth* device is connected and playing. When the Digital Source is active the status LED will be WHITE.



Digital Optical Audio Cable
(not included)

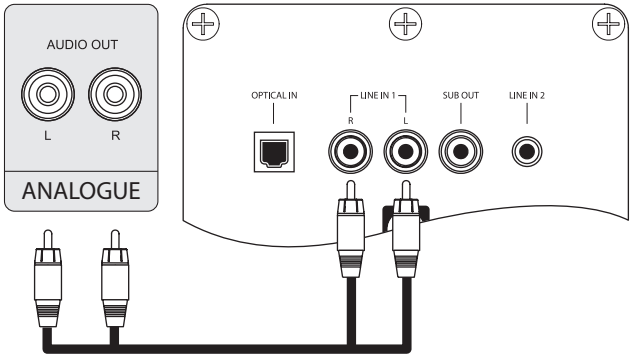
Important note:
Audio output of a TV, Blu-ray Disc player, game console, or DVD player connected to the Q-BT3 via Optical Digital, must be set to PCM in the source's setup. Please see the device's Owner's Manual for details. Digital connection to a CD player does not require a special setting.

2 & 3. Analogue Inputs Line In 1 & Line In 2

The Q-BT3 has two options for Analogue Audio connection:

Line In 1

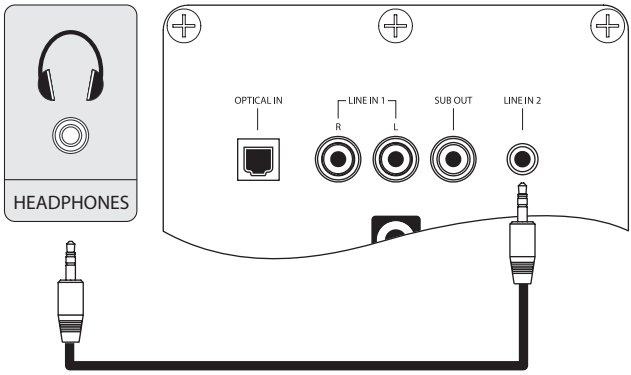
Connect the RCA L&R audio output from a TV or other source to the LINE IN 1 sockets using the 2m cable provided:



RCA Phono Lead (included)

Line In 2

The 3.5mm input jack is ideal for connecting to the headphone output of an external audio source using the 2m cable provided:



3.5mm Jack Lead (included)

Important note:
With a jack plugged into LINE IN 2, LINE IN 1 is switched-off and no audio will be heard from this source.

The ANALOGUE INPUTS are automatically selected when *Bluetooth* device is connected and playing and no Optical Digital Input signal is present. The Status LED will be GREEN when an analogue input is in use.

Please note:
When connecting to a variable level source, such as a headphone output, better audio quality will be achieved by having the source set at a higher volume level and the Q-BT3 at a lower level than the other way around.

4. Subwoofer Out

Single RCA phono jack. Connect the 'Sub Out' to a Subwoofer Line Level Input if extended bass response is desired.

5. *Bluetooth* Pair Button

The Q-BT3 has been designed to automatically search for, and PAIR with a device should no other devices currently be PAIRED and in range. This *Bluetooth* Pair button is used to manually drop the current connection and pair with a new device.

6. Power Switch

Turns the power to the Q-BT3 ON/OFF. Always turn the power OFF when making connections to the Q-BT3 Rear Panel.

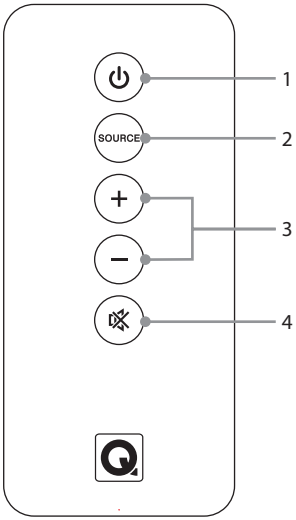
7. AC Input

Universal power connector. Automatically selects AC voltage for a given region. Connect to the included AV Power Cord for your country.

8. Output Speaker Terminals

Connect the supplied speaker cable from the active right speaker output terminals to the passive left speaker input terminals. Make sure to connect the WHITE STRIPE cable to the RED positive terminal of each speaker, and the SOLID BLACK cable to the BLACK negative terminal of each speaker.

Remote Control



1. Power
Press this button to turn the Q-BT3 Standby ON/OFF.
(POWER SWITCH on the rear panel must be switched to ON)

2. Source Select
Press this button to manually select the audio input source. Status LED will change colour accordingly.

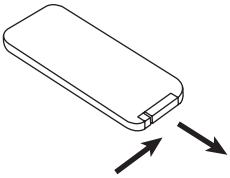
Important note:
When the Source button is used Q-BT3 will stay on the selected source and stop auto-source selection. Auto-source selection will be resumed after the unit has been put in standby.

3. Volume Up / Down
Press VOL + to increase the volume. Press VOL – to reduce the volume.

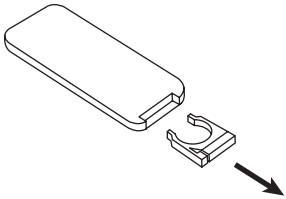
4. Mute
Press this button once to MUTE the Q-BT3 (no audio output from the speakers). Status LED will SLOW FLASH to indicate MUTE. Press this button again to un-mute the Q-BT3 (audio output from the speakers).
Note: Long press of Mute will also put Q-BT3 into standby.

REMOTE CONTROL BATTERY REPLACEMENT

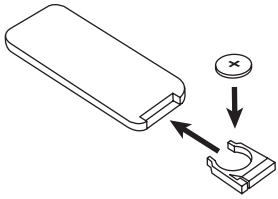
Caution:
When replacing the lithium battery in the remote, make sure that the replacement battery is inserted in correct polarity. Place the battery so that it's positive (+) side faces up with the tray held so the surface with the dot and (+) is facing up.



1. Push small tab toward battery slot.



2. Pull battery drawer out.



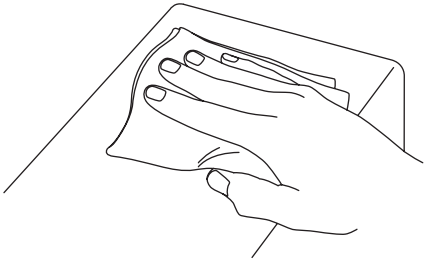
3. Insert battery with "+" side up and slide drawer back into remote.

Caution:
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent battery type (CR2025)

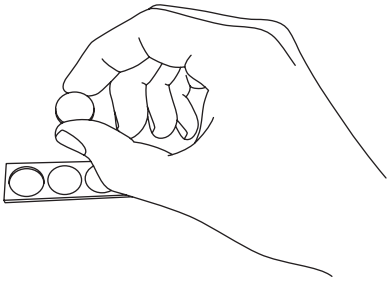
Warning:
Do not expose batteries to excessive heat such as direct sunlight, fire or the like.
Dispose of dead batteries in accordance with local regulations.

Rubber Bumpers

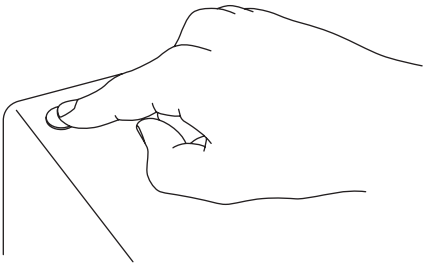
In order to prevent damage to the surface of other furniture, Q-BT3 is supplied with self adhesive feet which may be applied to the underside of the speakers. Once the desired orientation of the speakers has been selected, follow the steps below to attach the rubber bumpers to each speaker.



1. Clean the surfaces of the speakers where the feet will be applied,ensuring they are free from dirt and grease.



2. Remove the rubber bumpers from their backing paper. Take care to grip the sides rather than the adhesive surface



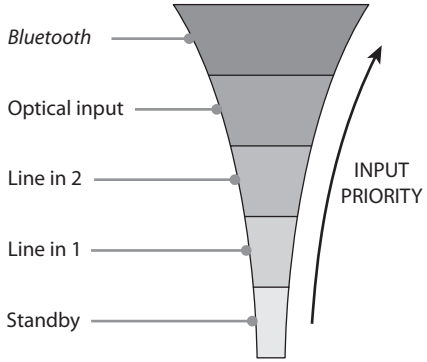
3. Position the bumpers on the underside of the speakers and push firmly onto the surface. Once contact is made the feet can not be easily repositioned.

Operating Q-BT3

POWER AND STANDBY
Power on Q-BT3 at the AC SWITCH once all rear panel audio connections are made. The speakers will enter STANDBY, with a RED status LED.

Exit STANDBY by pressing the STANDBY button on either the top panel or the IR remote. The LED will initially turn Green but may then change according to the Auto-Source Selection rules.

AUDIO SOURCE SELECTION
In normal operation Q-BT3 will automatically select the audio source. A Connected *Bluetooth* source that starts to play has the highest priority, followed by Digital and finally Analogue:



The AUDIO SOURCE auto-priority can be manually overridden at any time using SOURCE SELECT on the IR remote or by a short press of the ⏻ button.

If NO input signals are detected, Q-BT3 will automatically enter STANDBY after 20 minutes.

Important note:
When the Source button is used on the Remote Control Q-BT3 will stay on the selected source and stop auto-source selection. Auto-source selection will be resumed after the unit has been put in standby.

SOURCE VOLUME CONTROL
Audio sources will initially be set at a DEFAULT volume level. This source can be adjusted for each source using the VOL + and VOL – buttons on the top panel or IR remote. Once adjusted, the Q-BT3 will remember the manually adjusted volume level for each source, and will return to the previously entered listening level each time that source is selected.

PAIRING A *BLUETOOTH* DEVICE

Q-BT3 is designed to automatically go into pairing mode if there is no *Bluetooth* device connected. To Pair your *Bluetooth* source:

1. Turn Q-BT3 and the *Bluetooth* device ON.

2. Make sure *Bluetooth* is enabled on the device to be Paired. The *Bluetooth* controls are typically found in the device's 'Settings' or 'Connections' menu.

3. On your device's list of Discoverable devices, you should now see 'Q-BT3-xxx' where xxx is a pre-defined three digit number.

4. Select 'Q-BT3-xxx' and your device will now be Paired via *Bluetooth* and Connected

5. From within the music player on your device, select 'Q-BT3-xxx' as the audio output and press Play. Unless the remote has been used to manually select another source and override Auto-Source Selection the unit will switch to *Bluetooth* input and the LED turn Blue.

Please Note:
Although starting to Play a track on the connected source will cause the Q-BT3 to switch to *Bluetooth*, the unit will stay on *Bluetooth* until the source is disconnected. It will not switch to another source whilst the player is paused.

Please Note:
When connected the device's volume and mute controls control the device itself, not Q-BT3. Better audio quality will be achieved by having the device set at a higher volume level and the Q-BT3 at a lower level.

GOING OUT OF RANGE

When a connected device goes out of range, Q-BT3 will remain on the Bluetooth channel. When the device returns in range it will automatically re-connect to Q-BT3. In many cases PLAY must be pressed on the device to resume audio playback. Whilst out of range, source can still be changed using the SOURCE SELECT button.

Please Note:
If the source does not come back into range for 20 minutes the unit will automatically go into standby.

PAIRING MORE THAN ONE *BLUETOOTH* DEVICE

The Q-BT3 can have up to eight *Bluetooth* devices in its pairing list. When you pair with the 9th device the details of the first device will be lost.

Once Q-BT3 is Connected with a device, it will stop automatically searching for other devices to pair with or connect to. Under these conditions please either disconnect the currently connected source on the device itself or press the BT Pair button on the rear panel of Q-BT3.

COMING OUT OF STANDBY

If there is a paired device in proximity to Q-BT3 when it comes out of standby it will automatically initiate a connection to the device. It will not switch to BT input until play is pressed on the device.

CABLE/SATELLITE REMOTE CONTROL

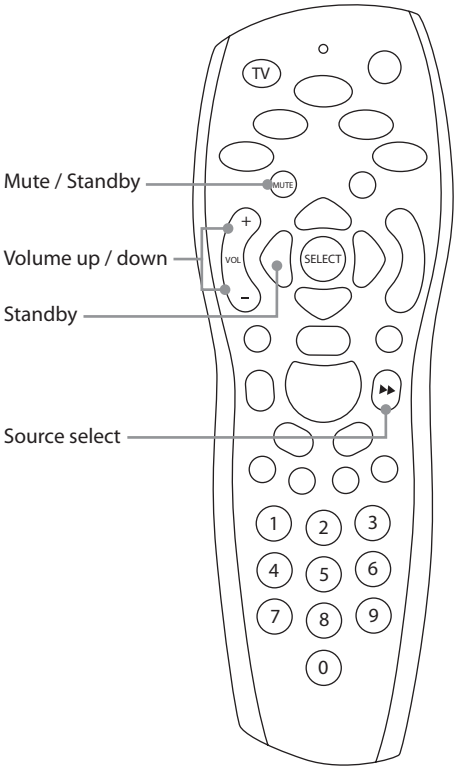
The Q-BT3 has been designed for easy integration into your home entertainment system as it has the ability to be controlled by many types of PROGRAMMABLE REMOTE CONTROL. This may include the remote control for your SATELLITE and CABLE system if it has PUNCH THROUGH capability. Punch through is the common term for being able to programme your remote control to send IR codes to both a TV and an AV Preamplifier/Processor. To use punch through you normally select the TV you wish to support first, and then the AV Preamplifier/Processor.

Q-BT3 uses the PHILIPS RC5 protocol for AV Preamplifiers/Processors. Programming your remote with PHILIPS AV codes should allow you to control volume and mute of your Q-BT3. In some cases you may also be able to control standby and source select with buttons such as ◀◀ ▶▶ ◀ and ▶.

Manufacturers often offer several PHILIPS code options for their remote controls. We recommend that you work through the PHILIPS code list for your remote and experiment with each one until you find one that works well with the Q-BT3. It is easiest to recognise when one is working by pressing the volume up/down buttons.

We cannot guarantee that Q-BT3 will work with your particular remote as the IR codes it sends are outside our control, however by supporting the commonly used Philips standard we hope to have made it as easy as possible to gain control of your device with the remote control of your choice.

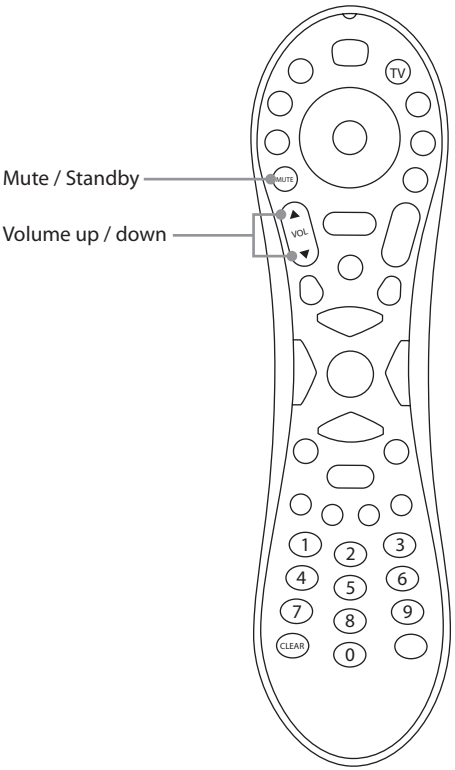
TYPE 1



- Press the "TV" button (top left of remote).
- Point remote away from receiver, press and hold "Select + 0".
- The remote's LED will flash red twice.
- Enter "1217". The remote's LED will flash red twice to confirm correct code.
- Press and hold "Select + 1".
- The remote's LED will flash red twice.
- Press TV and your remote controls will now work as such:

Button	Function
Vol +	Volume up
Vol -	Volume down
Mute (short press)	Mute
or Mute (long press)	Standby
▶▶	Source select

TYPE 2



- Press the "TV" button (top right of remote).
- Point remote away from receiver, press and hold "Clear + Vol ▲".
- The remote's LED will flash green twice.
- Enter "1247". The remote's LED will flash green twice to confirm correct code.
- Press TV and your remote controls will now work as such:

Button	Function
Vol ▲	Volume up
Vol ▼	Volume down
Mute (short press)	Mute
Mute (long press)	Standby

Specification

Audio performance	
Power output:	2 x 50W for 100W total amplification
THD (at rated power):	<1.00%
Frequency response:	±0.5dB 20Hz to 20kHz
S/N ratio (A-Wtd):	-85dB
Line in 1 input sensitivity:	2.0Vrms
Line in 1 input overload:	2.2Vrms
Line in 2 input sensitivity:	1.0Vrms
Line in 2 input overload:	1.2Vrms
Speakers	
Enclosure type:	2-way reflex
Mid range driver:	100mm
Tweeter:	30mm
Power consumption	
Standby:	<0.5 Watts
No signal (idle):	14 Watts
Rear panel marked line ratings:	100~240V - 50~60Hz 100W
Bluetooth®	
Bluetooth specification:	V4.0 class 2 device
Latency:	≈6ms
Internal stereo CODEC:	16-bit
High quality stereo audio:	≤48kHz sample rate
Music enhancements:	aptX®, SBC, MP3
Support for:	A2DP, 802.11 co-existence
Dimensions	
(H x W x D):	240mm x 148mm x 208mm
Depth including terminals:	226mm
Weight	
Active right speaker:	3.8kg
Passive left speaker:	3.4kg
Total weight:	7.2kg

Q Acoustics Warranty

Q Acoustics products are warranted free of defects in materials and workmanship for a period of 2 years from the date of purchase. During the warranty period Q Acoustics will, at its option, repair or replace any product found to be faulty after inspection by the company or its appointed distributor or agent.

Misuse and fair wear and tear are not covered by warranty.

Goods for repair should in the first instance be returned to the supplying dealer. If this is not possible the item/s should be sent carriage paid preferably in the original packaging to Q Acoustics or their appointed distributor for your area and accompanied by proof of purchase. Damage sustained by goods in transit to the repair centre is not covered by the warranty. Return carriage will be paid by Q Acoustics or their distributor as appropriate.

The warranty does not in any way affect your legal rights.

Appointed Distributor Warranty Agent in the UK:
Armour Home Electronics Ltd.
Stortford Hall Induistrial Park
Bishops Stortford, Herts, UK
CM23 5GZ

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